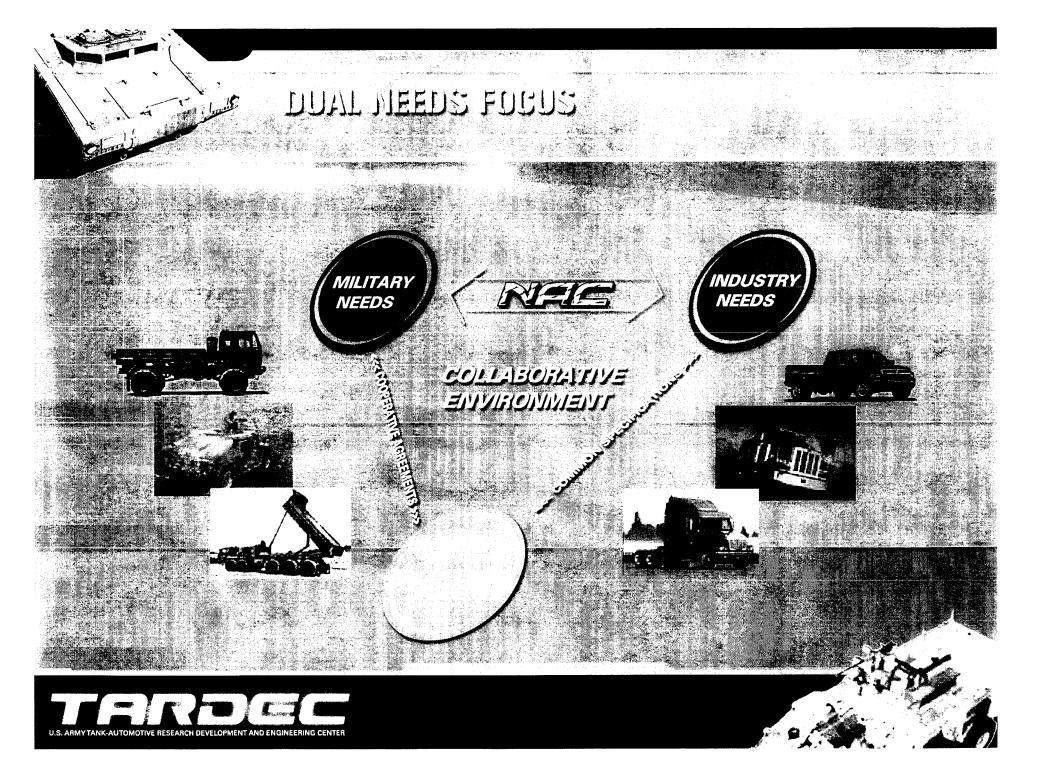


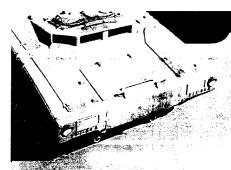


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Fuel Cell Integrated with Diesel Engine

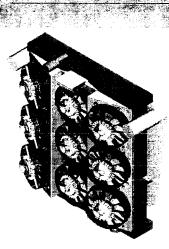


20 Kilowatt Fuel Cell APU









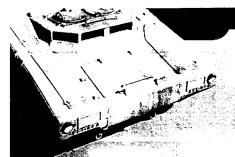
Electric Radiator Fans



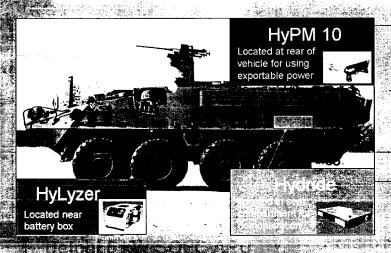
Electric air conditioning pump

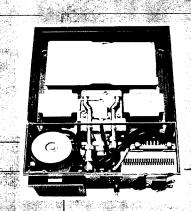






Auxiliary Power Unit Programs







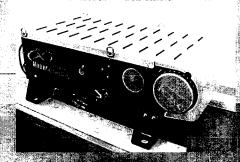
SunLine with Southwest Research

Delphi 5 kW SOFC APU

Peterbilt test bed tractor

Ballard / Freightliner/ University of Alabama





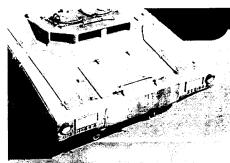
10 KW PEM APU











Fuel Cell Strategy Summary

Emphasis on inter-service, inter-agency cooperation and coordination

Fuel cell auxiliary-power units (APU)

Reforming of JP-8 (jet fuel) single battlefield fuel

Demonstrate commercial fuel cell vehicles on military

bases

Leverage industry to move fuel cells from civilian uses to military vehicles

